
IN THE CLAIMS

1. (Currently Amended) An imaging device, comprising:
 - a processor adapted to compile error information when an error is detected, wherein the error is based on one or more imaging device processes;
 - a print engine coupled to the processor and adapted to produce tangible output images;
 - and
 - a storage device coupled to the processor, wherein the processor is adapted to store in the storage device the error information for two or more errors for one or more of transmission, retrieval, and disposal of the error information based on user criteria;

wherein the error information includes two or more of a location where the error occurred, a type of error detected, a program address where the error occurred, contents of the file being processed when the error occurred, sequence of events that led up to the error, type of file being processed when the error occurred, size of the file being processed when the error occurred, and a stack trace.
2. (Original) The imaging device of claim 1, wherein the error information comprises user error information and administrator error information.
3. (Original) The imaging device of claim 1, further comprising a control panel coupled to the processor and adapted to enable access of the error information.
4. (Original) The imaging device of claim 1, further comprising an embedded web server coupled to processor, wherein the embedded web server is adapted to interface between the processor and one or more user-identified addresses.
5. (Original) The imaging device of claim 2 wherein the user error information comprises the location where the error occurred and the type of error detected.
6. (Original) The imaging device of claim 2, wherein the administrator error information includes the location where the error occurred, the type of error detected, and one or more

of the program address where the error occurred, contents of the file being processed when the error occurred, sequence of events that led up to the error, type of file being processed when the error occurred, size of the file being processed when the error occurred, and a stack trace.

7. (Original) The imaging device of claim 1, wherein the storage device comprises one or more of an SRAM, DRAM, non-volatile memory, register, magnetic media, and optical media.
8. (Currently Amended) A method of error archiving for an imaging device, comprising:
monitoring system operations for the imaging device; and
when an error is detected, compiling information about the error into an error file stored on a storage device of the imaging device for one or more of storage, transmission, retrieval, and disposal;
wherein the information about two or more errors is stored in the error file; and
wherein the information about each error stored on the storage device includes two or more of a location where the error occurred, a type of error detected, a program address where the error occurred, contents of the file being processed when the error occurred, sequence of events that led up to the error, type of file being processed when the error occurred, size of the file being processed when the error occurred, and a stack trace.
9. (Original) The method of claim 8, further comprising:
displaying user error information; and
storing administrator error information.
10. (Original) The method of claim 8, further comprising, transmitting the compiled error information to an output device.
11. (Original) The method of claim 8, further comprising:
transmitting administrator error information to one or more user designated addresses,

wherein the one or more user designated address comprise one or more e-mail addresses, web addresses, printer addresses, facsimile addresses, and http addresses; and

wherein the administrator error information includes the location where the error occurred, the type of error detected, and one or more of the program address where the error occurred, contents of the file being processed when the error occurred, sequence of events that led up to the error, type of file being processed when the error occurred, size of the file being processed when the error occurred, and a stack trace.

12. (Original) The method of claim 9, wherein the user error information includes the location where the error occurred and the type of error detected; and wherein the administrator error information includes the location where the error occurred, the type of error detected, and one or more of the program address where the error occurred, contents of the file being processed when the error occurred, sequence of events that led up to the error, type of file being processed when the error occurred, size of the file being processed when the error occurred, and a stack trace.
13. (Original) The method of claim 8, further comprising, determining correction procedures based on the detected error.
14. (Original) The method of claim 8, further comprising transmitting the error file to an associated imaging device administration program.
15. (Currently Amended) A computer-usable medium having computer readable instructions stored thereon for execution by a processor to perform a method of error archiving for an imaging device comprising:
monitoring system operations of the imaging device; and
when an error is detected, compiling information about the error into an error file and storing it on a storage device for one or more of storage, transmission, retrieval, and disposal;

wherein the information for two or more errors is stored in the error file; and
wherein the information about each error stored on the storage device includes two or
more of a location where the error occurred, a type of error detected, a program
address where the error occurred, contents of the file being processed when the error
occurred, sequence of events that led up to the error, type of file being processed
when the error occurred, size of the file being processed when the error occurred, and
a stack trace.

16. (Original) The computer-usable medium of claim 15, wherein the method further comprises:
displaying user error information; and
storing administrator error information.
17. (Original) The computer-usable medium of claim 15, wherein the method further comprises:
printing the compiled error information.
18. (Original) The computer-usable medium of claim 15, wherein the method further comprises:
sending administrator error information to an imaging device administrator program.
19. (Original) The computer-usable medium of claim 16,
wherein the user error information includes page number and type of service error; and
wherein the administrator error information includes the location where the error
occurred, the type of error detected, and one or more of the program address where
the error occurred, contents of the file being processed when the error occurred,
sequence of events that led up to the error, type of file being processed when the error
occurred, size of the file being processed when the error occurred, and a stack trace.
20. (Original) The computer-usable medium of claim 15, wherein the method further comprises:
performing error correction procedures based on the detected error.